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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Application Number	10/749,806-Conf. #6518
				Filing Date	December 31, 2003
				First Named Inventor	Masahito Watanabe
				Art Unit	1626
				Examiner Name	<del>Not Yet Assigned</del> Robert Shiao
Sheet	1	of	1	Attorney Docket Number	60542(49811)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup>	Number-Kind Code <sup>4</sup> (if known)			
RS	BA	JP-10	130289	05-19-1998		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
RS	CA	Database accession number 2003:634256	
	CB	Suzuki et al., "Catalytic asymmetric Michael reactions using a chiral rhodium complex"; 2001; Tetrahedron: Asymmetry, Vol. 12; 1077-1081.	
	CC	Sasai et al., "Catalytic Asymmetric Michael Reactions Promoted by the La-Na-BINOL Complex (LSB). Enantioface Selection on Michael Donors"; 1996; Tetrahedron Letters, Vol. 37(31); 5561-5564.	
	CD	Prabakaran et al., "Asymmetric Michael addition reactions using a chiral La-Na aminodiolate catalyst", 2002; Tetrahedron Asymmetry, vol. 13; 1053-1058.	
	CE	Kumaraswamy et al., "Calcium-BINOL: a novel and efficient catalyst for asymmetric Michael reactions", 2001; Tetrahedron Letters, vol. 42; 8515-8517.	
	CF	Noyori et al., "Asymmetric Transfer Hydrogenation Catalyzed by Chiral Ruthenium Complexes", 1997; Acc. Chem. Res., vol.30(2); 97-102.	
	CG	Haack et al., "The Catalyst Precursor, Catalyst, and Intermediate in the RuII-Promoted Asymmetric Hydrogen Transfer between Alcohols and Ketones", 1997; Angew. Chem. Int. Ed. Engl., vol. 36(3);285-288.	
RS	CH	Watanabe et al., "Enantioselective Michael Reaction Catalyzed by Well-Defined Chiral Ru Amido Complexes: Isolation and Characterization of the Catalyst Intermediate, Ru Malonato Complex Having a Metal - Carbon Bond", 2003; J. Am. Chem. Soc., vol. 125(25);7508-7509	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Rei Tsang Shiao	Date	12/04/2006
		Considered	

**Information Disclosure Statement****PTO - 1449**

Atty. Docket No:

60542 (49811)

Serial No.

10/749,806

Applicant(s):

Masahito WATANABE, Kunihiro MURATA and Takao IKARIYA

Filing Date

Herewith

Art Unit

~~Not Yet Known~~ 1626**UNITED STATES PATENT DOCUMENTS**

Exam. Initials	Ref. No.	Document Number	Date	Inventor(s)	Class	Filing Date
	<del>AA</del>					

**FOREIGN PATENT DOCUMENTS**

Exam. Initials	Ref. No.	Document Number	Date	Country or Office	Class	Translation
RS	BA	JP 07-265709	October 17, 1995	Japan	B01J	Abstract
	BB	JP 8291178	May 11, 1996	Japan	C07F	Abstract
	BC	JP 11-240865	Sept 7, 1999	Japan	C07C	Abstract
	BD	JP 2001-031682	February 6, 2001	Japan	C07F	Abstract
	BE	JP 2002-069076	March 8, 2002	Japan	C07F	Abstract
	BF	JP 08-319258	December 3, 1996	Japan	C07C	Abstract
	BG	JP 10-130286	May 19, 1998	Japan	C07F	Abstract
RS	BH	JP 2001-252567	Sept 18, 2001	Japan	B01J	Abstract

**OTHER DOCUMENTS (INCL. TITLE, AUTHOR, DATE, PAGES, ETC)**

Exam. Initials	Ref. No.	
RS	CA	Karl-Josef Haack, Shohei Hashiguchi, Akio Fujii, Takao Ikariya, Ryoji Noyori. The Catalyst Precursor, Catalyst, and Intermediate in the Ru <sup>II</sup> -Promoted Asymmetric Hydrogen Transfer between Alcohols and Ketones. Angew. Chem. Int. Ed. Engl. 1997, 36, No. 3. pp 285-288.
RS	CB	Kunihiro Murata, Takao Ikariya, and Ryoji Noyori. New Chiral Phodium and Iridium Complexes with Chiral Diamine Ligands for Asymmetric Transfer Hydrogenation of Aromatic Ketones. J. Org. Chem. 1999, 64, 2186-2187.

Examiner:

Date:

/Rei Tsang Shiao/ (12/04/2006)